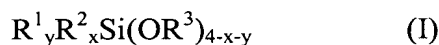


IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Original): A metal/polymer laminate comprising at least two metal layers and at least one core polymer layer between at least two metal layers, wherein the polymer layer comprises a thermoplastic polymer and at least one silane of formula (I):



wherein  $R^2$  is a  $C_{1-12}$ -hydrocarbon group containing one or more atoms selected from the group consisting of N, S and O,



$R^3$  is H-,  $C_{1-4}$ -alkyl;

$R^1$  is a  $C_{1-12}$  alkyl group that may be ethylenically unsaturated;

x is an integer of 1 to 3; and

y is an integer of 0 to 2.

Claim 2 (Original): The metal/polymer laminate of Claim 1, wherein the metal layer is copper.

Claim 3 (Original): The metal/polymer laminate of Claim 1, wherein the metal layers are the same and are selected from the group consisting of copper, steel, aluminum, zinc and titanium, and the polymer layer comprises a polyethylene polymer.

Claim 4 (Original): The metal/polymer laminate of Claim 1, wherein the polymer is a polyethylene.

Claim 5 (Original): The metal/polymer laminate of Claim 1, wherein the thermoplastic polymer is selected from the group consisting of high density polyethylene, low density polyethylene, linear low density polyethylene, crosslinked polyethylene, and ultra high molecular weight polyethylene.

Claim 6 (Original): The metal/polymer laminate of Claim 1, wherein the silane is chemically grafted to the polymer.

Claim 7 (Original): The metal/polymer laminate of Claim 1, wherein the polymer is a foamed polymer.

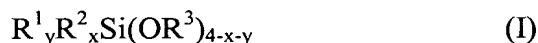
Claim 8 (Original): The metal/polymer laminate of Claim 1, consisting of a first metal layer, a polymer layer and a second metal layer.

Claim 9 (Original): The metal/polymer laminate of Claim 1, consisting essentially of two metal layers and one polymer layer.

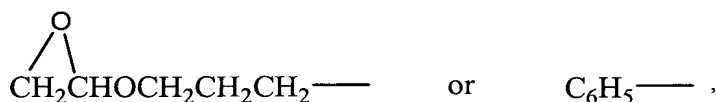
Claim 10 (Original): The metal/polymer laminate of Claim 1, wherein the exterior surface of at least one of the metal layers is textured.

Claim 11 (Original): The metal/polymer laminate of Claim 1, wherein the polymer layer is a composite further comprising a filler or reinforcing fiber.

Claim 12 (Currently Amended): A metal/polymer laminate comprising at least two metal layers, at least two adhesive interlayers and at least one core polymer layer between the adhesive interlayers, wherein at least ~~on~~ one of the core polymer layer or the adhesive interlayers comprise a thermoplastic polymer and a silane of formula (I):



wherein  $R^2$  is a  $C_{1-12}$ -hydrocarbon group containing one or more atoms selected from the group consisting of N, S and O,



$R^3$  is H-,  $C_{1-4}$ -alkyl;

$R^1$  is a  $C_{1-12}$  alkyl group that may be ethylenically unsaturated;

x is an integer of 1 to 3; and

y is an integer of 0 to 2.

Claim 13 (Original): The metal/polymer laminate of Claim 12, wherein the adhesive interlayers comprise ethylene.

Claim 14 (Original): The metal/polymer laminate of Claim 12, wherein the metal layer is copper.

Claim 15 (Original): The metal/polymer laminate of Claim 12, wherein the metal layers are the same and are selected from the group consisting of copper, steel, aluminum, zinc and titanium, and the polymer layer comprises a polyethylene polymer.

Claim 16 (Original): The metal/polymer laminate of Claim 12, wherein the polymer is a polyethylene.

Claim 17 (Original): The metal/polymer laminate of Claim 12, wherein the thermoplastic polymer is selected from the group consisting of high density polyethylene, low density polyethylene, linear low density polyethylene, crosslinked polyethylene, and ultra high molecular weight polyethylene.

Claim 18 (Original): The metal/polymer laminate of Claim 12, wherein the adhesive interlayer comprises a thermoplastic polymer comprising a silane chemically grafted to the thermoplastic polymer of the adhesive interlayer.

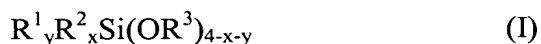
Claim 19 (Original): The metal/polymer laminate of Claim 12, wherein the polymer is a foamed polymer.

Claim 20 (Original): The metal/polymer laminate of Claim 12, consisting of, in the following order, a first metal layer, a first adhesive interlayer, a core polymer layer, a second adhesive interlayer, and a second metal layer.

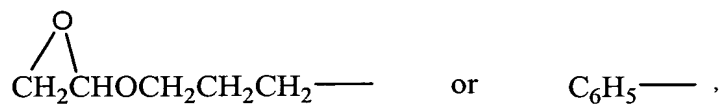
Claim 21 (Original): The metal/polymer laminate of Claim 12, wherein the exterior surface of at least one of the metal layers is textured.

Claim 22 (Original): The metal/polymer laminate of Claim 12, wherein one or more of the core polymer layer or the adhesive interlayers comprise a filler or a reinforcing fiber.

Claim 23 (Original): A metal/polymer laminate comprising at least two metal layers and at least one core polymer layer between at least two metal layers, and wherein a silane of formula (I) is present on the surface of the metal layers contacting the core polymer layer:



wherein  $R^2$  is a  $C_{1-12}$ -hydrocarbon group containing one or more atoms selected from the group consisting of N, S and O,



$R^3$  is H-,  $C_{1-4}$ -alkyl;

$R^1$  is a  $C_{1-12}$  alkyl group that may be ethylenically unsaturated;

x is an integer of 1 to 3; and

y is an integer of 0 to 2.

Claim 24 (Original): The metal/polymer laminate of Claim 23, wherein the metal layer is copper.

Claim 25 (Original): The metal/polymer laminate of Claim 23, wherein the metal layers are the same and are selected from the group consisting of copper, steel, aluminum, zinc and titanium, and the polymer layer comprises a polyethylene polymer.

Claim 26 (Original): The metal/polymer laminate of Claim 23, wherein the polymer is a polyethylene.

Claim 27 (Original): The metal/polymer laminate of Claim 23, wherein the thermoplastic polymer is selected from the group consisting of high density polyethylene, low density polyethylene, linear low density polyethylene, crosslinked polyethylene, and ultra high molecular weight polyethylene.

Claim 28 (Original): The metal/polymer laminate of Claim 23, wherein the silane is chemically grafted to the polymer.

Claim 29 (Original): The metal/polymer laminate of Claim 23, wherein the polymer is a foamed polymer.

Claim 30 (Original): The metal/polymer laminate of Claim 23, consisting of a first metal layer, a polymer layer and a second metal layer.

Claim 31 (Original): The metal/polymer laminate of Claim 23, consisting essentially of two metal layers and one polymer layer.

Claim 32 (Original): The metal/polymer laminate of Claim 23, wherein the exterior surface of at least one of the metal layers is textured.

Claim 33 (Original): The metal/polymer laminate of Claim 23, wherein the polymer layer is a composite further comprising a filler or reinforcing fiber.

Claim 34 (Currently Amended): The metal/polymer laminate of Claim 23, wherein the metal/polymer laminate is obtained by applying the silane onto at least

one ~~surfaces~~ surface of both metal layers to form silane-coated metal surfaces then contacting the silane coated metal surfaces with opposite sides of the core polymer layer.

Claim 35 (Original): The metal/polymer laminate of Claim 23, further comprising at least two adhesive interlayers comprising a thermoplastic resin.

Claim 36 (New): The metal/polymer laminate of Claim 1, wherein the silane is not present in the core polymer layer.

Claim 37 (New): The metal/polymer laminate of Claim 1, obtained by applying the silane onto at least one surface of each metal layer to form a silane coated metal surface and contacting different surfaces of the core polymer layer with each of the silane coated metal surfaces.

Claim 38 (New): The metal/polymer laminate of Claim 1, wherein the metal layers are bonded to the core polymer layer through the silane.

Claim 39 (New): The metal/polymer laminate of Claim 12, wherein the silane is not present in the core polymer layer.

Claim 40 (New): The metal/polymer laminate of Claim 12, obtained by applying the silane onto at least one surface of each metal layer to form a silane coated metal surface and contacting different surfaces of the adhesive interlayers with each of the silane coated metal surfaces.

Claim 41 (New): The metal/polymer laminate of Claim 12, wherein the metal layers are bonded to the core polymer layer through the silane present in the adhesive interlayers.

Claim 42 (New): The metal/polymer laminate of Claim 12, wherein the silane is bonded to a metal layer and a polymer.

Claim 43 (New): The metal/polymer laminate of Claim 23, wherein the silane is not present in the core polymer layer.

Claim 44 (New): The metal/polymer laminate of Claim 23, wherein the silane is bonded to a metal layer and a polymer.



BASIS FOR THE AMENDMENT

Claims 1-44 are active in the present application. Claims 36-42 are new claims. Support for new Claim 36, 39 and 41-44 is found on page 11, lines 32-34 and page 10, lines 25-27. Support for new Claim 37 is found on page 12, lines 7-11. Support for new Claim 38 is found on page 4, lines 12-19. Claims 12 and 34 have been amended to correct typographical errors. Support for new Claim 40 is found in the Examples. No new matter is believed to have been added by this amendment.